

"Heat-sensitive composition in which removal of the unexposed regions is unnecessary, negative lithographic plate coated with the said composition and method for forming a negative image on the said plate"

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ABSTRACT

A heat-sensitive composition which forms an image without the removal of material, which does not require any developing treatment after the stage of exposure to heat and comprises: (a) a switchable polymer, (b) an IR absorber, (c) a triazine compound, and (d) a novolak resin.

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Negative lithographic plate comprising a substrate coated with the said composition.

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A method for obtaining a negative image on a substrate coated with a composition which is first hydrophilic and then lipophilic after exposure to heat, without the removal of material, the said negative image being obtained by applying a small quantity of energy to the said composition.